

10/520823

DT12 Rec'd PCT/PTO 07 JAN 2005

Attorney Docket No.: 71465.00012
Customer No.: 35161

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Hirohisa TANAKA et al.

Group Art Unit: Not Yet Assigned

Application No.: Not Yet Assigned

Examiner: Not Yet Assigned

Filed: January 7, 2005

Confirmation No.: Not Yet Assigned

For: EXHAUST GAS PURIFYING CATALYST

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, it is requested that the reference listed on the attached PTO Form SB/08A be made of record.

The following references, Japanese Unexamined Patent Publication Nos. 5-220395 (w/abstract and English translation), 5-253484 (w/abstract and English translation), 6-210175 (w/abstract and English translation), 7-68175 (w/abstract and English translation), 7-80311 (w/abstract and English translation), which are described in the specification, are being submitted herewith. Also submitted is Japanese Unexamined Patent Publication No. 5-31367 (w/corresponding European Patent Publication No. 0525677 A1 in English), which is also described in the specification.

Additionally submitted are Japanese Unexamined Patent Publication No. 5-245372 (w/corresponding U.S. Patent No. 5,380,692), Japanese Unexamined Patent Publication Nos. 5-76762, 6-100319, 6-304449, 7-299360, 7-116519, 8-217461, 8-224446, and 2000-256017, each

INFORMATION DISCLOSURE STATEMENT

Atty Docket No.: 71465.00010

with Abstract and English translation. We also submit five articles, "An Intelligent Catalyst," "Regeneration of Palladium Subsequent to Solid Solution and Segregation in a Perovskite Catalyst: an Intelligent Catalyst," "Time-resolved Time-of-flight Mass Spectrometry with Molecular-pulse-probes for Analysis of Dynamic Process in Surface Catalytic Reactions in the Millisecond Range (I)," "Time-resolved Time-of-flight Mass Spectrometry with Molecular-pulse-probes for Analysis of Dynamic Process in Surface Catalytic Reactions in the Millisecond Range (II)," and "Regeneration of Precious Metals in Various Designed Intelligent Perovskite Catalysts," as prior art references.

The following references, Japanese Unexamined Patent Publication Nos. 60-25544 (w/English abstract), 62-241552 (w/English abstract), 2-265648 (w/English abstract), 63-302950 (w/English abstract), and 11-207183 (w/English abstract and English translation), were characterized in the International Search Report attached herewith.

Since this Information Disclosure Statement is being filed within three months of the filing date of this application and before the mailing date of a first Office Action on the merits, no Statement under 37 C.F.R. §1.97(e) or fee under 37 C.F.R. §1.17(p) is required.

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The submission of the listed document is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,

Jean C. Edwards

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(Use as many sheets as necessary)

Sheet 1 of 5

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| Application Number | Not Yet Assigned |
| Filing Date | January 7, 2005 |
| First Named Inventor | Hirohisa TANAKA |
| Art Unit | Not Yet Assigned |
| Examiner Name | Not Yet Assigned |
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U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|-----------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|----------------|
| | | Country Code ³ ~Number ⁴ ~Kind Code ⁵ (if known) | | | | |
| | | JP 05-200395 | 08-31-1993 | Daihatsu Motor | Abstract | ✓ |
| | | JP 05-253484 | 10-05-1993 | Daihatsu Motor | Abstract | ✓ |
| | | JP 06-210175 | 08-02-1994 | Daihatsu Motor | Abstract | ✓ |
| | | JP 07-068175 | 03-14-1995 | Daihatsu Motor | Abstract | ✓ |
| | | JP 07-080311 | 03-28-1995 | Daihatsu/Cataler | Abstract | ✓ |
| | | JP 05-031367 | 02-09-1993 | | | ✓ |

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| Examiner Signature | | Date Considered | |
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Approved for use through 07/31/2008. GMB 0051-0051
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| First Named Inventor | Hirohisa TANAKA |
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|--------------------|-----------------------|-----------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|----------------|
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | | EP 0 525 677 A1 | 02-03-1993 | Daihatsu Motor | | ✓ |
| | | JP 05-245372 | 09-24-1993 | | | ✓ |
| | | JP 05-076762 | 03-30-1993 | Sakai Chem | Abstract | ✓ |
| | | JP 06-100319 | 04-12-1994 | Toyota Central | Abstract | ✓ |
| | | JP 06-304449 | 11-01-1994 | Toyota Central | Abstract | ✓ |
| | | JP 07-299360 | 11-14-1995 | Cataler/Daihatsu | Abstract | ✓ |

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| First Named Inventor | Hirohisa TANAKA |
| Art Unit | Not Yet Assigned |
| Examiner Name | Not Yet Assigned |
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U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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|--------------------------|-----------------------|-----------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|---|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | | JP 07-116519 | 05-09-1995 | Toyota Central | Abstract | ✓ |
| | | JP 08-217461 | 08-27-1996 | Daihatsu/Hokko | Abstract | ✓ |
| | | JP 08-224446 | 09-03-1996 | Daihatsu Motor | Abstract | ✓ |
| | | JP 2000-256017 | 09-19-2000 | Nissan Motor | Abstract | ✓ |
| | | JP 60-025544 | 02-08-1985 | Toyota Motor | Abstract | |
| | | JP 62-241552 | 10-22-1987 | Cataler | Abstract | |

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| Art Unit | Not Yet Assigned |
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| | | Country Code ³ *Number ⁴ Kind Code ⁵ (if known) | | | | |
| | | JP 02-265648 | 10-30-1990 | Nissan | Abstract | |
| | | JP 63-302950 | 12-09-1988 | Nissan | Abstract | |
| | | JP 11-207183 | 08-03-1999 | Daihatsu/Cataler | Abstract | ✓ |
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| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 5 | of | 5 | Attorney Docket Number | 71465.00012 |

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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | |
| | | Hirohisa TANAKA et al., An Intelligent Catalyst, Reprint: Advanced Catalytic Converters & Substrates for Gas Emission Syst. (SP-1573), SAE World Congress 2001 | | |
| | | Hirohisa TANAKA et al., Regen. of Palladium Subsequent to Solid Solution & Segregation in a Perovskite Catalyst: An Intelligent Catalyst, Vols. 16/17, Nos. 1-4, Sept. 2001 | | |
| | | T. MOTOHIRO et al., Time-resolved time-of-flight mass spectrometry with molecular-pulse-probes for analysis ..., (I), Reprint from Applied Science, 121/122 (1997), pgs. 319-322 | | |
| | | T. MOTOHIRO et al., Time-resolved time-of-flight mass spectrometry with molecular-pulse-probes for analysis ..., (II), Reprint from Applied Science, 121/122 (1997), pgs. 323-326 | | |
| | | Nobuhiko KAJITA et al., Regeneration of Precious Metals in Various Designed ..., Reprint: New Emissions Tech. from SAE 2002 World Congress (SP-1703) Detroit MI March 4-7 2002 | | |
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